PRASANNA VIKASH PEDDINTI

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EDUCATION

Northeastern University, Boston, MA.   Sept 2016 – May 2018 (Anticipated)

College of Computer and Information Science.   **CGPA: 3.4/4**

Candidate for a Master of Science in Computer Science.

Related Courses: Parallel Data Processing and Map Reduce, Natural Language Processing
                            Algorithms, Web Development, Data Mining Techniques.

VIT University, Vellore, TN, India.   May 2016

Bachelor's Degree in Electronics and Communication Engineering.

Related Courses: Data Structures and Algorithms, Computer Organization and Architecture,
                            Computer Networks, Computer Programming and Problem Solving, Neural Networks and Fuzzy Control.

TECHNICAL SKILLS

Languages:	C, R, Python, Java, SQL, MongoDB.
Systems:	Windows XP/Vista/7/8/10, Linux.
Libraries:	Shiny, ggplot2, Dplyr, DT, data.table, NLTK.
Technologies:	Node.js, MongoDB, HTML, Angular.js, Express.js, Hadoop.

WORK EXPERIENCE

Regeneron Pharmaceuticals, New York, US.   May 2017- Aug 2017

Data Analyst Intern.

- Developed a R-Shiny application which allows the user to perform CRUD operations on the existing biological data.
- Implemented the ability to Upload, View, Delete any number of images dynamically per entry in the data.

Bharat Sanchar Nigam Limited, Vizag, AP, India.   Dec 2015 - Jan 2016

Undergraduate Research Intern.

- Designed and Programmed a campus network using Wireless Local Loop technology for communication services.
- Implemented Software Defined Networking Technology in the designed campus network with greater efficiency
   of 10% compared to the traditional GPRS Tunneling Protocol.

TECHNICAL PROJECTS Github

Web Development   *Source*   Jan 2017

Northeastern University Project, MA.

- Developed a MEAN Stack application, "NearBy" where users can search for places near them using Foursquare API.
- Implemented the ability for users to give a review, save their favorite locations, follow other users.
- Developed a real-time activity feed, that displays the user to view the activity of his friends.

Authorship Attribution   Dec 2016

Northeastern University Project, MA.

- Designed and Programmed a python code for finding the author of an unknown text from a set of authors using the previous works of those authors as training data.
- Projected the efficiency of method that was proposed by Koppel et al. (2011) by achieving accuracy of 94%.

Regression Analysis and Gradient Descent   Dec 2016

Northeastern University Project, MA.

- Analyzed Gap minder data using Regression techniques to draw various results about life expectancy.
- Developed a Gradient Descent Algorithm for multiple linear regression on climate dataset and compared the results with Random Forests and linear SVM algorithms.
- Researched the prediction performance using 10-fold-cross-validation and paired t-test.

Boston Housing Data Analysis   Nov 2016

Northeastern University Project, MA.

- Predicted the housing prices in the Boston housing data set using Regression techniques.
- Visualized and Compared various features of the data set using ggplot2, Dplyr packages in R.